

SUPPLEMENTARY INFORMATION

Evidence of a deep viral host switch event with *beak and feather disease virus* infection in rainbow bee-eaters (*Merops ornatus*)

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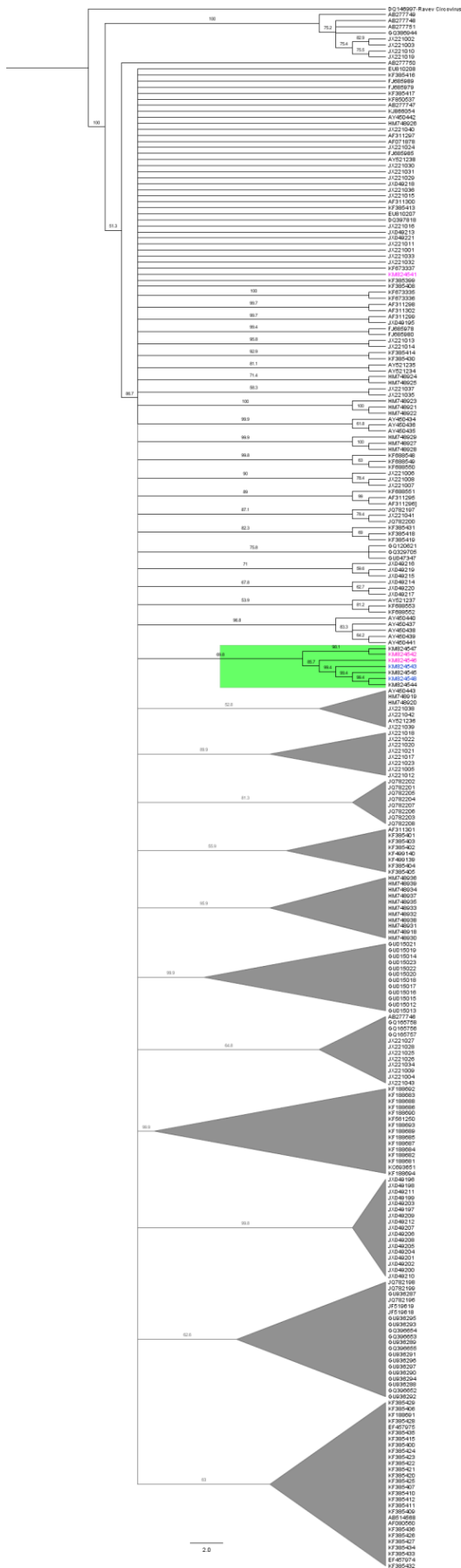


Figure S2. Outgroup-rooted Neighbour-joining (NJ) tree for evolutionary relationships among partial *Rep* gene sequences of BFDV. The NJ tree was constructed using partial *Rep* gene sequences of BFDV from rainbow bee-eaters with other equivalent sequences available on GenBank, using 1000 nonparametric bootstrap resamplings. Green text highlighted clade shows all sequences obtained from rainbow bee-eaters. Red and blue colour highlights genotypic variants originated within individual birds 14-1186-02 and 14-1186-04, respectively.

Table S1. Sequences used for discovering evolutionary pathway of BFDV in rainbow bee-eaters

Accession number	Country	Year of Isolation	Common name	Host Species	Wild/Captive	Reference
KM823541	Australia	2014	Rainbow bee-eaters	<i>Merops ornatus</i>	Captive	This study
KM823542	Australia	2014	Rainbow bee-eaters	<i>Merops ornatus</i>	Captive	This study
KM823543	Australia	2014	Rainbow bee-eaters	<i>Merops ornatus</i>	Captive	This study
KM823544	Australia	2014	Rainbow bee-eaters	<i>Merops ornatus</i>	Captive	This study
KM823545	Australia	2014	Rainbow bee-eaters	<i>Merops ornatus</i>	Captive	This study
KM823546	Australia	2014	Rainbow bee-eaters	<i>Merops ornatus</i>	Captive	This study
KM823547	Australia	2014	Rainbow bee-eaters	<i>Merops ornatus</i>	Captive	This study
KM823548	Australia	2014	Rainbow bee-eaters	<i>Merops ornatus</i>	Captive	This study
KF688548	Australia	2013	Ringneck parrot	<i>Barnardius zonarius semitorquatus</i>	Wild	Sarker et al. (unpublished)
KF688549	Australia	2013	Ringneck parrot	<i>Barnardius zonarius semitorquatus</i>	Wild	Sarker et al. (unpublished)
KF688550	Australia	2013	Ringneck parrot	<i>Barnardius zonarius semitorquatus</i>	Wild	Sarker et al. (unpublished)
KF688551	Australia	2013	Bourke's parrot	<i>Neopsephotus bourkii</i>	Wild	Sarker et al. (unpublished)
KF688552	Australia	2013	Golden shoulder parrot	<i>Psephotus chrysopterygius</i>	Wild	Sarker et al. (unpublished)
KF688553	Australia	2013	Hooded parrot	<i>Psephotus dissimilis</i>	Wild	Sarker et al. (unpublished)
KF673335	Australia	2013	Swift parrot	<i>Lathamus discolor</i>	Wild	Sarker et al., 2014
KF673336	Australia	2013	Swift parrot	<i>Lathamus discolor</i>	Wild	Sarker et al., 2014
KF673337	Australia	2013	Red lory	<i>Eos bornea</i>	Wild	Sarker et al., 2014
KF188681	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188682	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188683	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188684	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188685	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188686	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188687	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188688	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188689	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188690	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188691	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188692	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188693	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KF188694	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Captive	Sarker et al., 2014
KC693651	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Wild	Peters et al., 2014
KF561250	Australia	2013	Orange-bellied parrot	<i>Neophema chrysogaster</i>	Wild	Sarker et al., 2014
KF385399	Australia	2013	Red-tailed black cockatoo	<i>Calyptorhynchus banksii</i>	Wild	Sarker et al., 2014
KF385400	Australia	2013	Red-tailed black cockatoo	<i>Calyptorhynchus banksii</i>	Wild	Sarker et al., 2014
KF385401	Australia	2013	Gang-gang cockatoo	<i>Callocephalon fimbriatum</i>	Captive	Sarker et al., 2014
KF385402	Australia	2013	Gang-gang cockatoo	<i>Callocephalon fimbriatum</i>	Captive	Sarker et al., 2014
KF385403	Australia	2013	Gang-gang cockatoo	<i>Callocephalon fimbriatum</i>	Captive	Sarker et al., 2014
KF385404	Australia	2013	Gang-gang cockatoo	<i>Callocephalon fimbriatum</i>	Wild	Sarker et al., 2014
KF385405	Australia	2013	Gang-gang cockatoo	<i>Callocephalon fimbriatum</i>	Wild	Sarker et al., 2014
KF385406	Australia	2013	Major Mitchell's cockatoo	<i>Lophochroa leadbeateri</i>	Captive	Sarker et al., 2014
KF385407	Australia	2013	Major Mitchell's cockatoo	<i>Lophochroa leadbeateri</i>	Captive	Sarker et al., 2014
AF311300	Australia	2000	Major Mitchell's cockatoo	<i>Lophochroa leadbeateri</i>	Captive	Bassami et al., 2001
KF385408	Australia	2013	Glossy black cockatoo	<i>Calyptorhynchus lathami</i>	Captive	Sarker et al., 2014

KF385409	Australia	2013	Glossy black cockatoo	<i>Calyptorhynchus lathami</i>	Captive	Sarker et al., 2014
KF385410	Australia	2013	Glossy black cockatoo	<i>Calyptorhynchus lathami</i>	Captive	Sarker et al., 2014
KF385411	Australia	2013	Glossy black cockatoo	<i>Calyptorhynchus lathami</i>	Captive	Sarker et al., 2014
KF385412	Australia	2013	Glossy black cockatoo	<i>Calyptorhynchus lathami</i>	Captive	Sarker et al., 2014
KF385413	Australia	2013	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Captive	Sarker et al., 2014
KF385414	Australia	2013	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Captive	Sarker et al., 2014
KF385415	Australia	2013	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Captive	Sarker et al., 2014
KF385416	Australia	2013	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Wild	Sarker et al., 2014
KF385417	Australia	2013	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Wild	Sarker et al., 2014
KF385418	Australia	2013	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Wild	Sarker et al., 2014
KF385419	Australia	2013	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Wild	Sarker et al., 2014
AF080560	Australia	1998	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Captive	Bassami et al., 1998
AF311301	Australia	2000	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Wild	Bassami et al., 2001
AF311302	Australia	2000	Sulphur-crested cockatoo	<i>Cacatua galerita</i>	Captive	Bassami et al., 2001
AY450436	South Africa	2003	White cockatoo	<i>Cacatua alba</i>	Captive	Heath et al., 2004
GU015022	Thailand	2006	Palm cockatoo	<i>Probosciger aterrimus</i>	Captive	Sariya et al., (unpublished)
FJ685980	Thailand	2006	Blue-and-yellow macaw	<i>Ara ararauna</i>	Captive	Sariya et al., (unpublished)
FJ685978	Thailand	2005	Yellow-crested cockatoo	<i>Cacatua sulphurea</i>	Captive	Sariya et al., (unpublished)
FJ685979	Thailand	2005	Yellow-crested cockatoo	<i>Cacatua sulphurea</i>	Captive	Sariya et al., (unpublished)
FJ685989	Thailand	2006	Salmon-crested cockatoo	<i>Cacatua moluccensis</i>	Captive	Sariya et al., (unpublished)
KF385420	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385421	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385422	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385423	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385424	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385425	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385426	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385427	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385428	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2014
KF385429	Australia	2013	Long-billed corella	<i>Cacatua tenuirostris</i>	Wild	Sarker et al., 2013
AF311297	Australia	2000	Eastern long-billed corella	<i>Cacatua tenuirostris</i>	Captive	Bassami et al., 2001
KF385430	Australia	2013	Galah	<i>Eolophus roseicapillus</i>	Captive	Sarker et al., 2014
KF385431	Australia	2013	Galah	<i>Eolophus roseicapillus</i>	Wild	Sarker et al., 2014
KF385432	Australia	2013	Galah	<i>Eolophus roseicapillus</i>	Wild	Sarker et al., 2014
KF385433	Australia	2013	Galah	<i>Eolophus roseicapillus</i>	Captive	Sarker et al., 2014
KF385434	Australia	2013	Galah	<i>Eolophus roseicapillus</i>	Captive	Sarker et al., 2014
KF385435	Australia	2013	Galah	<i>Eolophus roseicapillus</i>	Wild	Sarker et al., 2014
KF385436	Australia	2013	Galah	<i>Eolophus roseicapillus</i>	Captive	Sarker et al., 2014
AF311298	Australia	2000	Galah	<i>Eolophus roseicapillus</i>	Captive	Bassami et al., 2001
EF457974	Australia	2007	Cockatiel	<i>Nymphicus hollandicus</i>	Captive	Shearer et al., 2008
EF457975	Australia	2007	Cockatiel	<i>Nymphicus hollandicus</i>	Captive	Shearer et al., 2008
AB514568	Japan	2010	Cockatiel	<i>Nymphicus hollandicus</i>	Captive	Kotah et al., 2010
AY450434	South Africa	2003	White-bellied caique	<i>Pionites leucogaster</i>	Captive	Heath et al., 2004
AF071878	USA	1998	Unknown (pooled blood)	<i>Unknown</i>	Captive	Niagro et al., 1998
NC_001944	USA	1998	Unknown (pooled blood)	<i>Unknown</i>	Captive	Niagro et al., 1998
GQ396652	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Ortiz-Catedral et al., 2010
GQ396653	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Ortiz-Catedral et al., 2010
GQ396656	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Ortiz-Catedral et al., 2010

GQ396654	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Ortiz-Catedral et al., 2010
GQ396655	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Ortiz-Catedral et al., 2010
GU936291	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936292	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936297	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
JF519618	New Zealand	2010	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936296	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936295	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936294	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936290	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936288	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936293	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
GU936289	New Zealand	2008	Red-fronted parakeet	<i>Cyanoramphus novaezelandiae</i>	Wild	Massaso et al., 2012
JF519619	New Zealand	2010	Eastern rosella	<i>Platycercus eximius</i>	Wild	Massaso et al., 2012
JQ782196	New Zealand	2010	Eastern rosella	<i>Platycercus eximius</i>	Wild	Massaso et al., 2012
GU936287	New Zealand	2008	Eastern rosella	<i>Platycercus eximius</i>	Wild	Massaso et al., 2012
JQ782198	New Zealand	2010	Eastern rosella	<i>Platycercus eximius</i>	Wild	Massaso et al., 2012
JQ782199	New Zealand	2010	Eastern rosella	<i>Platycercus eximius</i>	Wild	Massaso et al., 2012
JQ782197	New Zealand	2010	Eastern rosella	<i>Platycercus eximius</i>	Wild	Massaso et al., 2012
JQ782200	New Zealand	2010	Eastern rosella	<i>Platycercus eximius</i>	Wild	Massaso et al., 2012
AF311295	Australia	2000	Bluebonnet	<i>Psephotus haematogaster</i>	Captive	Bassami et al., 2001
AF311296	Australia	2000	Rosey-faced lovebird	<i>Agapornis roseicollis</i>	Captive	Bassami et al., 2001
AY521235	United Kingdom	2004	Rosey-faced lovebird	<i>Agapornis roseicollis</i>	Captive	de Kloet & de Kloet, 2004
FJ685985	Thailand	2005	Lovebird	<i>Agapornis sp</i>	Captive	Sariya et al., (unpublished)
AY450442	Zambia	2003	Black-cheeked lovebird	<i>Agapornis personata</i>	Captive	Heath et al., 2004
AY450435	South Africa	2003	African grey parrot	<i>Psittacus erithacus</i>	Captive	Heath et al., 2004
GU015023	Thailand	2006	Great green macaw	<i>Ara ambigua</i>	Captive	Sariya et al., (unpublished)
GU015020	Thailand	2006	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Sariya et al., (unpublished)
GU015014	Thailand	2006	Alexandrian parrot	<i>Psittacula eupatria</i>	Captive	Sariya et al., (unpublished)
GU015012	Thailand	2006	African grey parrot	<i>Psittacus erithacus</i>	Captive	Sariya et al., (unpublished)
GU015013	Thailand	2006	African grey parrot	<i>Psittacus erithacus</i>	Captive	Sariya et al., (unpublished)
GU015018	Thailand	2006	Red-shouldered macaw	<i>Ara nobilis</i>	Captive	Sariya et al., (unpublished)
GU015015	Thailand	2006	Alexandrian parrot	<i>Psittacula eupatria</i>	Captive	Sariya et al., (unpublished)
GU015016	Thailand	2006	Alexandrian parrot	<i>Psittacula eupatria</i>	Captive	Sariya et al., (unpublished)
GU015017	Thailand	2006	Severe macaw	<i>Ara severa</i>	Captive	Sariya et al., (unpublished)
GU015021	Thailand	2006	Red and green macaw	<i>Ara chloropterus</i>	Captive	Sariya et al., (unpublished)
GU015019	Thailand	2006	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Sariya et al., (unpublished)
AY521234	USA	2004	Ring necked parakeet	<i>Psittacula kramerii</i>	Captive	de Kloet & de Kloet, 2004
HM748929	South Africa	2008	Ring necked parakeet	<i>Psittacula krameri</i>	Captive	Varsani et al., 2011
HM748927	South Africa	2008	Ring necked parakeet	<i>Psittacula krameri</i>	Captive	Varsani et al., 2011
HM748928	South Africa	2008	Ring necked parakeet	<i>Psittacula krameri</i>	Captive	Varsani et al., 2011
AY450437	South Africa	2003	Cape parrot	<i>Poicephalus robustus</i>	Captive	Heath et al., 2004
AY450438	South Africa	2003	Cape parrot	<i>Poicephalus robustus</i>	Captive	Heath et al., 2004
AY450439	South Africa	2003	Ruppell's parrot	<i>Poicephalus rueppelli</i>	Captive	Heath et al., 2004
AY450440	South Africa	2003	African red-bellied parrot	<i>Poicephalus rufiventris</i>	Captive	Heath et al., 2004
DQ397818	South Africa	2006	Cape parrot	<i>Poicephalus robustus</i>	Captive	Heath et al., 2004
HM748939	South Africa	2007	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011
HM748936	South Africa	2007	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011

HM748935	South Africa	2008	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011
HM748918	South Africa	2008	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011
HM748930	South Africa	2008	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011
HM748938	South Africa	2007	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011
HM748931	South Africa	2008	African grey parrot	<i>Psittacus erithacus</i>	Captive	Varsani et al., 2011
HM748933	South Africa	2008	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011
HM748932	South Africa	2008	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011
HM748937	South Africa	2007	Cape parrot	<i>Poicephalus robustus</i>	Captive	Varsani et al., 2011
HM748924	South Africa	2008	Amazon parrot	<i>Amazona sp.</i>	Captive	Varsani et al., 2011
HM748925	South Africa	2008	Amazon parrot	<i>Amazona sp.</i>	Captive	Varsani et al., 2011
HM748926	South Africa	2008	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Varsani et al., 2011
JX049197	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049198	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049200	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049201	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049202	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049203	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049205	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049206	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049207	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049208	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049209	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049210	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049211	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049212	New Caledonia	2011	Coconut Lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049213	New Caledonia	2011	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Julian et al., 2012
JX049214	New Caledonia	2011	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Julian et al., 2012
JX049215	New Caledonia	2011	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Julian et al., 2012
JX049216	New Caledonia	2011	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Julian et al., 2012
JX049217	New Caledonia	2011	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Julian et al., 2012
JX049218	New Caledonia	2011	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Julian et al., 2012
JX049219	New Caledonia	2011	Red-rumped Parrot	<i>Psephotus haematotonotus</i>	Captive	Julian et al., 2012
JX049220	New Caledonia	2011	New Caledonian Parakeet	<i>Cyanoramphus saissetti</i>	Captive	Julian et al., 2012
JX049221	New Caledonia	2011	Eclectus parrot	<i>Eclectus roratus</i>	Captive	Julian et al., 2012
JX049196	New Caledonia	2011	Coconut lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049199	New Caledonia	2011	Coconut lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049204	New Caledonia	2011	Coconut lorikeet	<i>Trichoglossus haematodus deplanchii</i>	Captive	Julian et al., 2012
JX049195	Australia	2009	Rainbow lorikeet	<i>Trichoglossus haematodus</i>	Captive	Julian et al., 2012
AF311299	Australia	2000	Rainbow lorikeet	<i>Trichoglossus haematodus</i>	Captive	Bassami et al., 2001
GQ329705	Portugal	2009	African grey parrot	<i>Psittacus erithacus</i>	Captive	Henriques and Feveiro, (unpublished)
GU047347	Portugal	2009	African grey parrot	<i>Psittacus erithacus</i>	Captive	Henriques and Feveiro, (unpublished)
GQ120621	Portugal	2008	African grey parrot	<i>Psittacus erithacus</i>	Captive	Henriques and Feveiro, (unpublished)
EU810207	Portugal	2008	African grey parrot	<i>Psittacus erithacus</i>	Captive	Henriques and Feveiro, (unpublished)
EU810208	Portugal	2005	African grey parrot	<i>Psittacus erithacus</i>	Captive	Henriques and Feveiro, (unpublished)
AY521237	Germany	2004	African grey parrot	<i>Psittacus erithacus</i>	Captive	de Kloet & de Kloet, 2004
AY450443	South Africa	2003	African grey parrot	<i>Psittacus erithacus</i>	Captive	Heath et al., 2004
AY521236	Portugal	2004	African grey parrot	<i>Psittacus erithacus</i>	Captive	de Kloet & de Kloet, 2004
HM748920	South Africa	2008	African grey parrot	<i>Psittacus erithacus</i>	Captive	Varsani et al., 2011

AY450441	South Africa	2003	Jardine parrot	<i>Poicephalus gulielmi massaicus</i>	Captive	Heath et al., 2004
HM748919	South Africa	2008	Jardine parrot	<i>Poicephalus gulielmi massaicus</i>	Captive	Varsani et al., 2011
HM748921	South Africa	2008	Jardine parrot	<i>Poicephalus gulielmi massaicus</i>	Captive	Varsani et al., 2011
HM748922	South Africa	2008	Jardine parrot	<i>Poicephalus gulielmi massaicus</i>	Captive	Varsani et al., 2011
HM748923	South Africa	2008	Jardine parrot	<i>Poicephalus gulielmi massaicus</i>	Captive	Varsani et al., 2011
GQ165757	South Africa	2008	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Varsani et al., 2010
GQ165758	South Africa	2008	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Varsani et al., 2010
GQ165756	South Africa	2008	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Varsani et al., 2010
AB277747	Japan	2006	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Ogawa et al., 2010
AB277746	Japan	2006	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Ogawa et al., 2010
AB277748	Japan	2006	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Ogawa et al., 2010
AB277749	Japan	2006	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Ogawa et al., 2010
AB277750	Japan	2006	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Ogawa et al., 2010
AB277751	Japan	2006	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Ogawa et al., 2010
GQ386944	China	2008	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Zhuang et al., (unpublished)
AY521234	USA	2004	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	de Kloet & de Kloet, 2004
JQ782201	New Zealand	2012	Yellow-crowned Parakeet	<i>Cyanoramphus auriceps</i>	Wild	Massaso et al., 2012
JQ782202	New Zealand	2012	Yellow-crowned Parakeet	<i>Cyanoramphus auriceps</i>	Wild	Massaso et al., 2012
JQ782203	New Zealand	2012	Yellow-crowned Parakeet	<i>Cyanoramphus auriceps</i>	Wild	Massaso et al., 2012
JQ782204	New Zealand	2012	Yellow-crowned Parakeet	<i>Cyanoramphus auriceps</i>	Wild	Massaso et al., 2012
JQ782205	New Zealand	2012	Yellow-crowned Parakeet	<i>Cyanoramphus auriceps</i>	Wild	Massaso et al., 2012
JQ782206	New Zealand	2012	Yellow-crowned Parakeet	<i>Cyanoramphus auriceps</i>	Wild	Massaso et al., 2012
JQ782207	New Zealand	2012	Yellow-crowned Parakeet	<i>Cyanoramphus auriceps</i>	Wild	Massaso et al., 2012
JQ782208	New Zealand	2012	Yellow-crowned Parakeet	<i>Cyanoramphus auriceps</i>	Wild	Massaso et al., 2012
JX221001	Poland	2010	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221002	Poland	2010	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221003	Poland	2010	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221004	Poland	2010	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221005	Poland	2010	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221006	Poland	2010	Crimson rosella	<i>Platycercus elegans</i>	Captive	Julian et al., 2013
JX221007	Poland	2011	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221008	Poland	2011	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221009	Poland	2011	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221010	Poland	2011	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221011	Poland	2011	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221012	Poland	2011	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221013	Poland	2003	Cape Parrot	<i>Poicephalus robustus</i>	Captive	Julian et al., 2013
JX221014	Poland	2005	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221015	Poland	2006	Red-winged parrot	<i>Aprosmictus erythropterus</i>	Captive	Julian et al., 2013
JX221016	Poland	2006	Red-winged parrot	<i>Aprosmictus erythropterus</i>	Captive	Julian et al., 2013
JX221017	Poland	2007	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221018	Poland	2007	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221019	Poland	2007	Ring-necked parakeet	<i>Psittacula krameri</i>	Captive	Julian et al., 2013
JX221020	Poland	2007	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221021	Poland	2007	Orange-winged Amazon	<i>Amazona amazonica</i>	Captive	Julian et al., 2013
JX221022	Poland	2007	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221023	Poland	2007	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221024	Poland	2007	Pacific parrotlet	<i>Forpus coelestis</i>	Captive	Julian et al., 2013

JX221025	Poland	2007	White cockatoo	<i>Cacatua alba</i>	Captive	Julian et al., 2013
JX221026	Poland	2007	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221027	Poland	2007	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221028	Poland	2007	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221029	Poland	2008	Australian king parrot	<i>Alisterus scapularis</i>	Captive	Julian et al., 2013
JX221030	Poland	2008	Senegal Parrot	<i>Poicephalus senegalus</i>	Captive	Julian et al., 2013
JX221031	Poland	2008	Senegal Parrot	<i>Poicephalus senegalus</i>	Captive	Julian et al., 2013
JX221032	Poland	2008	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221033	Poland	2008	Australian king parrot	<i>Alisterus scapularis</i>	Captive	Julian et al., 2013
JX221034	Poland	2008	Budgerigar	<i>Melopsittacus undulatus</i>	Captive	Julian et al., 2013
JX221035	Poland	2008	Eastern rosella	<i>Platycercus eximius</i>	Captive	Julian et al., 2013
JX221036	Poland	2008	Alexandrine parakeet	<i>Psittacula eupatria</i>	Captive	Julian et al., 2013
JX221037	Poland	2008	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221038	Poland	2008	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221039	Poland	2008	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221040	Poland	2008	Blue-fronted Amazon	<i>Amazona aestiva</i>	Captive	Julian et al., 2013
JX221041	Poland	2009	African grey parrot	<i>Psittacus erithacus</i>	Captive	Julian et al., 2013
JX221042	Poland	2009	Alexandrine parakeet	<i>Psittacula eupatria</i>	Captive	Julian et al., 2013
JX221043	Poland	2009	Crimson rosella	<i>Platycercus elegans</i>	Captive	Julian et al., 2013